

REMARKS

The Office Action has been received and reviewed. In light of the above amendments and following remarks, Applicant submits that the application is in condition for allowance, for which early action is requested.

Claims 5-7, 15, and 17-19 are currently pending in the application. Claims 26, 33, and 36 are canceled.

Claims 5-6, 26 and 33 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Asahina (U.S. Publication No. 2002/0015417) in view of Shacher et al. (U.S. Patent No. 5,671,223) and Aggarwal et al. (U.S. Patent No. 6,249,525). Claims 7, 17-19 and 36 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Asahina in view of Shacher, Aggarwal and W. Simpson RFC 1662. Claim 15 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Asahina in view of Shacher and W. Simpson.

The present claims now recite "a frame check sequence (FCS) generator for checking an FCS value for each complete PPP packet in the received data." (All independent claims) The FCS generator 416 is shown in Figure 4. An FCS value is appended to the end of each PPP packet (see Figure 3A) which may be checked to provide an error detection coding scheme (e.g. CRC) for each packet. [0053] This is separate from the flag and escape bytes also recited in the claims.

The Examiner relies upon W. Simpson at page 5, section 3.1 frame format to meet the present invention's FCS value. (Office Action page 20) However, W. Simpson does not disclose the FCS value is appended to the end of each PPP packet or an FCS generator for generating and/or checking the FCS value. Accordingly, Applicants believe W. Simpson does not meet the FCS generator limitation recited in the present claims. Moreover, the Examiner concedes that Asahina, Shacher, and Aggarwal do not disclose an FCS value. Therefore, for at least this reason, any combination of Asahina, Shacher, Aggarwal and W. Simpson fails to obviate the present invention and the rejected claims should now be allowed.

CONCLUSION

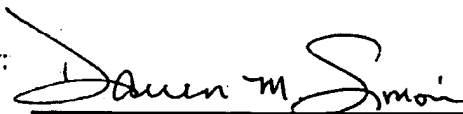
In light of the amendments contained herein, Applicants submit that the application is now in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

Dated: 9/18/2008

By:

A handwritten signature in black ink, appearing to read "Darren M. Simon", written over a horizontal line.

Darren M. Simon, Reg. No. 47,946
(858) 845-2472

QUALCOMM Incorporated
Attn: Patent Department
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 658-5787
Facsimile: (858) 658-2502